

FIG. 1

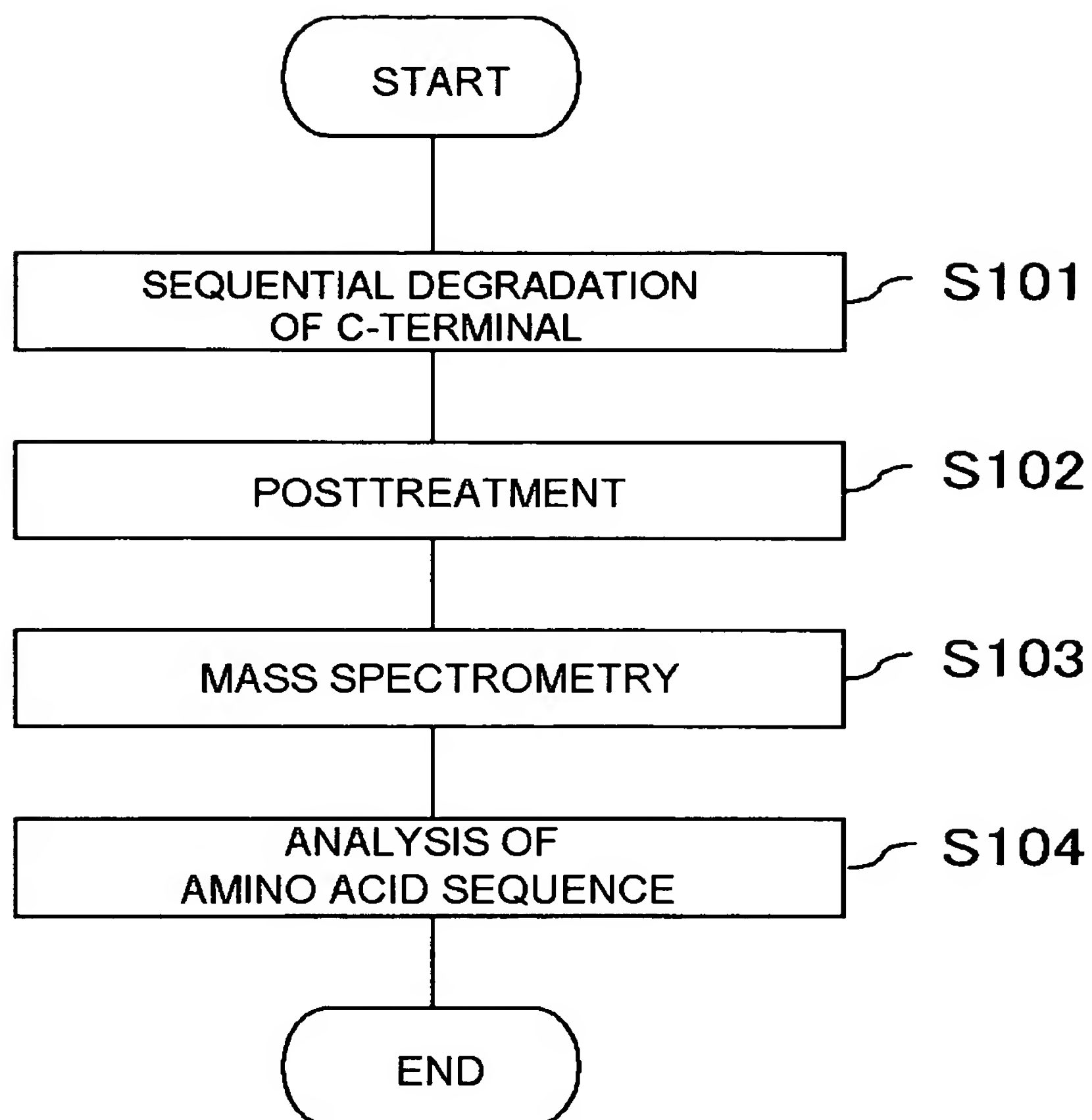


FIG. 2

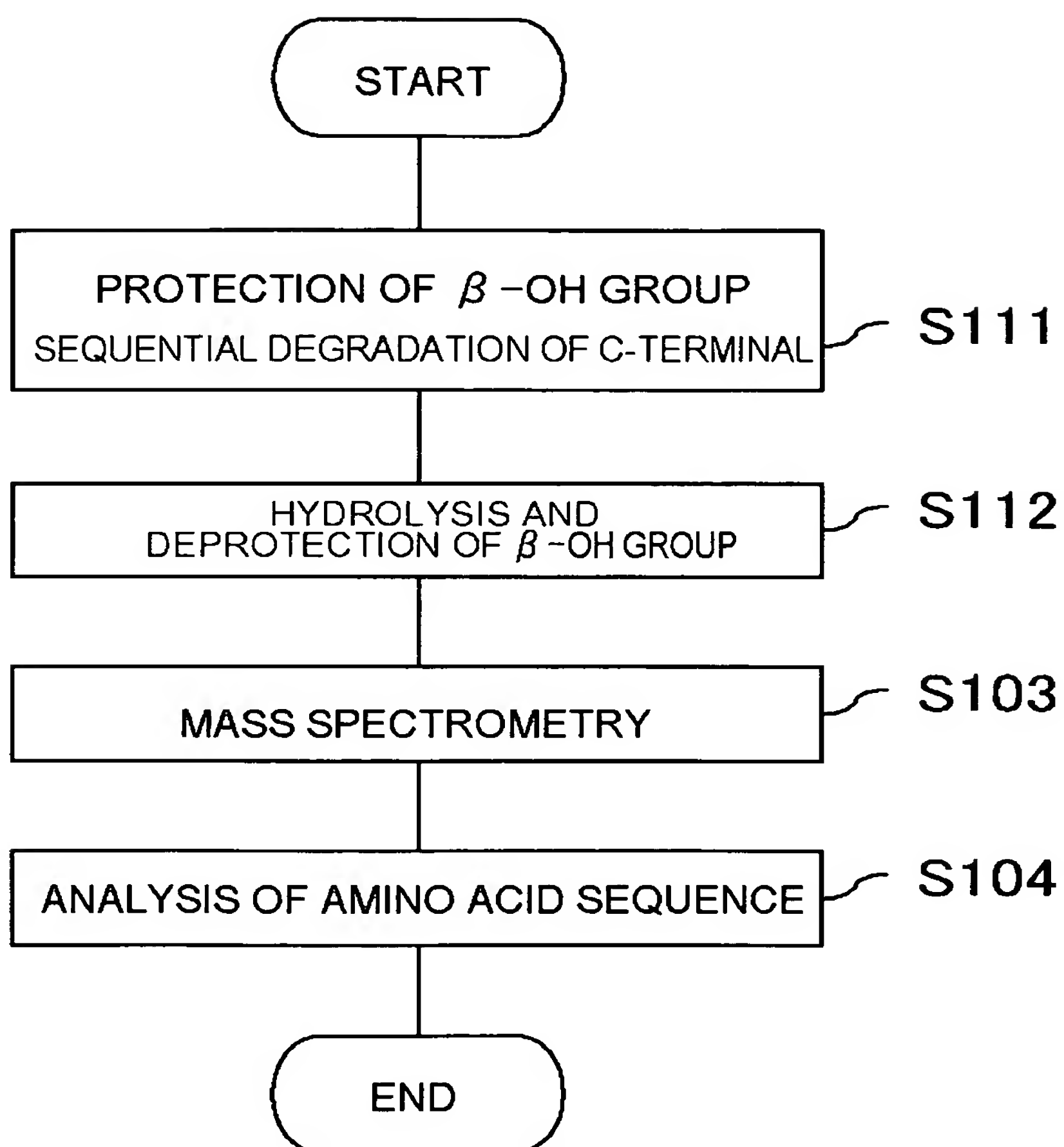


FIG. 3

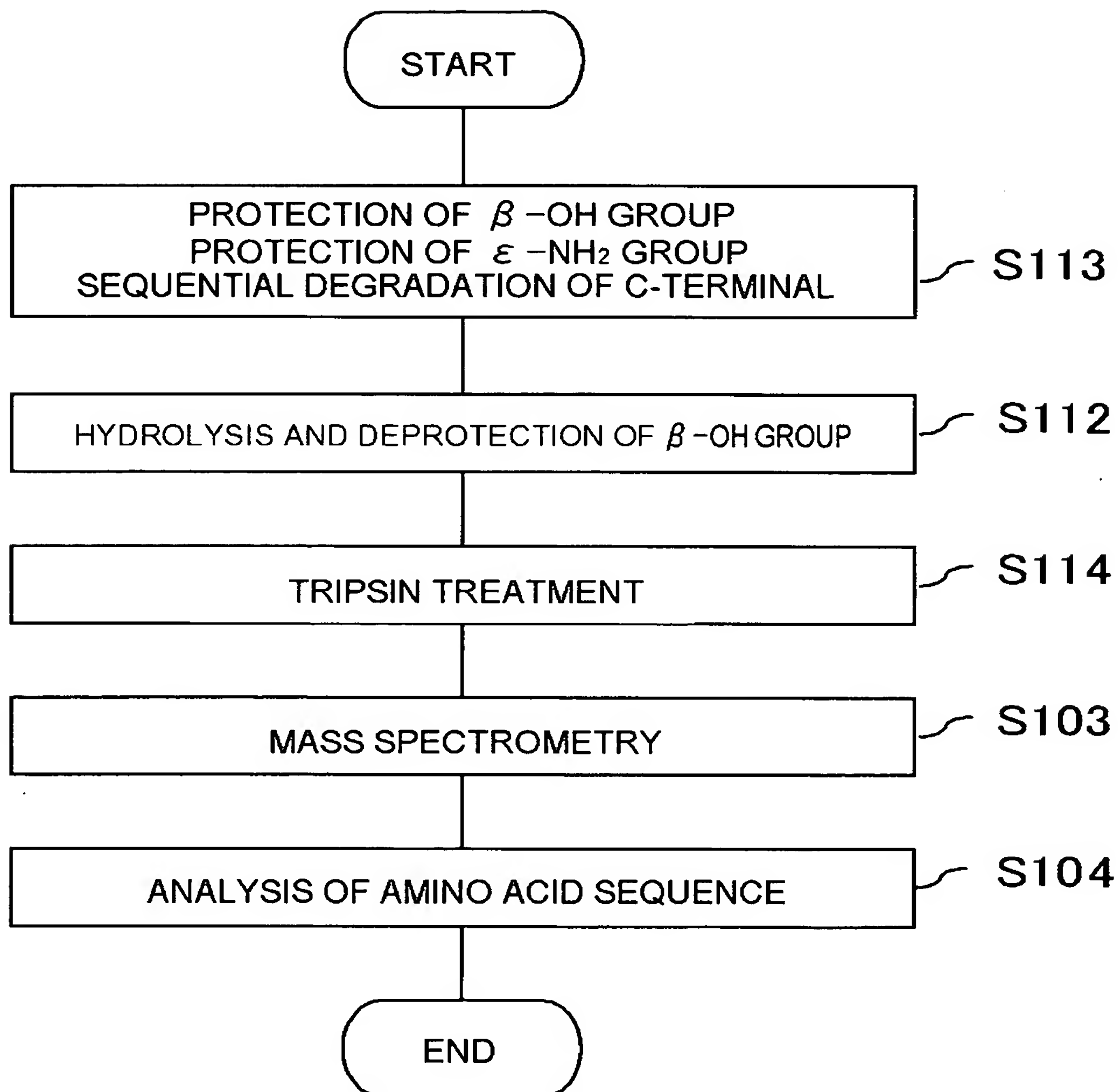


FIG. 4

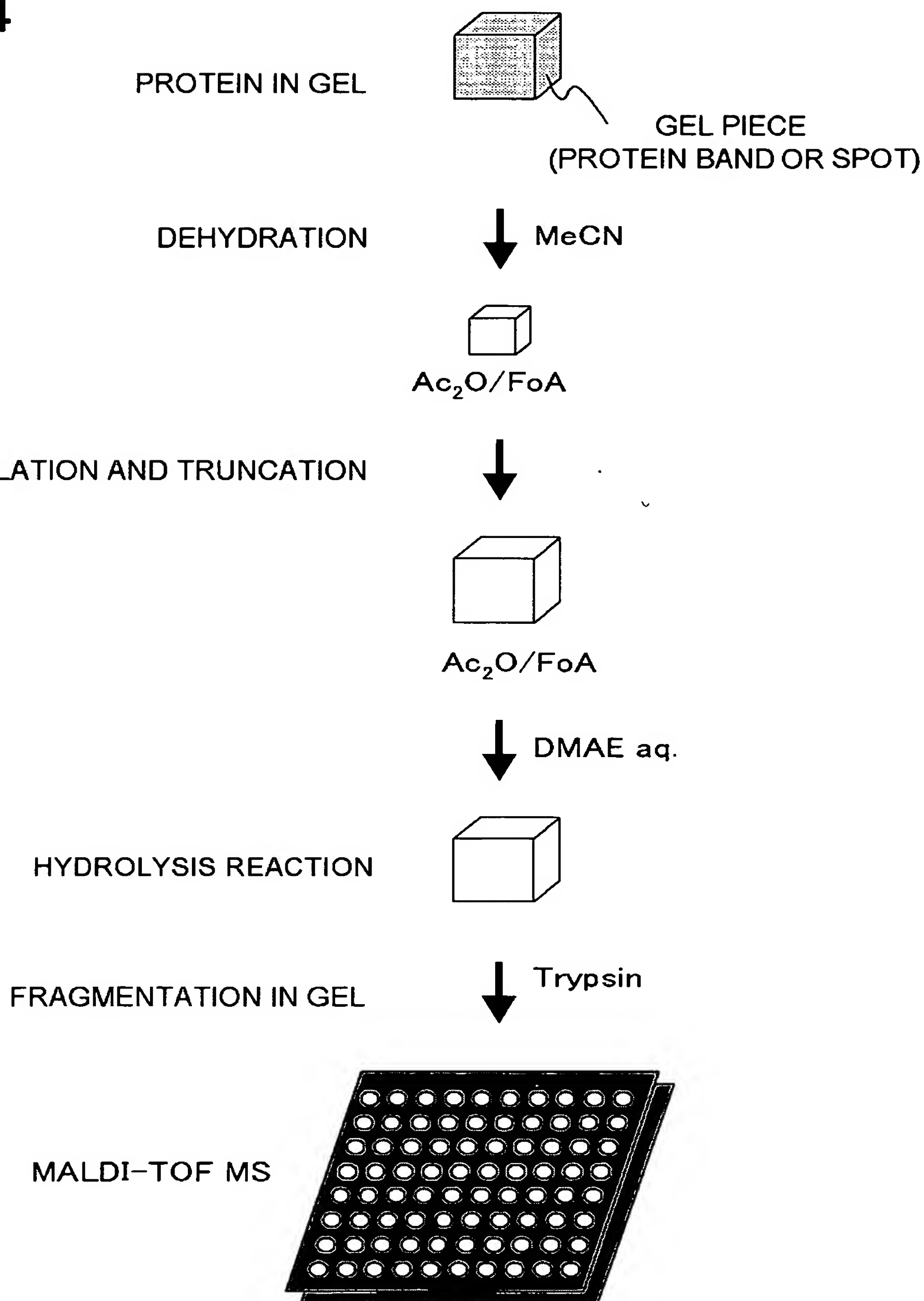


FIG. 5

REACTION CONDITION OF ACETYLATION AND TRUNCATION OF PROTEIN IN GEL (WITHOUT USE OF PERFLUORIC ACID)

REACTION	REAGENT COMPOSITION	TEMPERATURE	PERIOD
ACETYLATION AND TRUNCATION	1% ~ 30% Ac₂O/FoA	50 ~ 100°C	4 TO 110 HOURS

REACTION CONDITION OF HYDROLYSIS OF PROTEIN IN GEL

REACTION	REAGENT COMPOSITION	TEMPERATURE	PERIOD
HYDROLYSIS	10 ~ 20% AQUEOUS DMAE SOLUTION	50 ~ 70°C	30 TO 120 MINUTES

FIG. 6

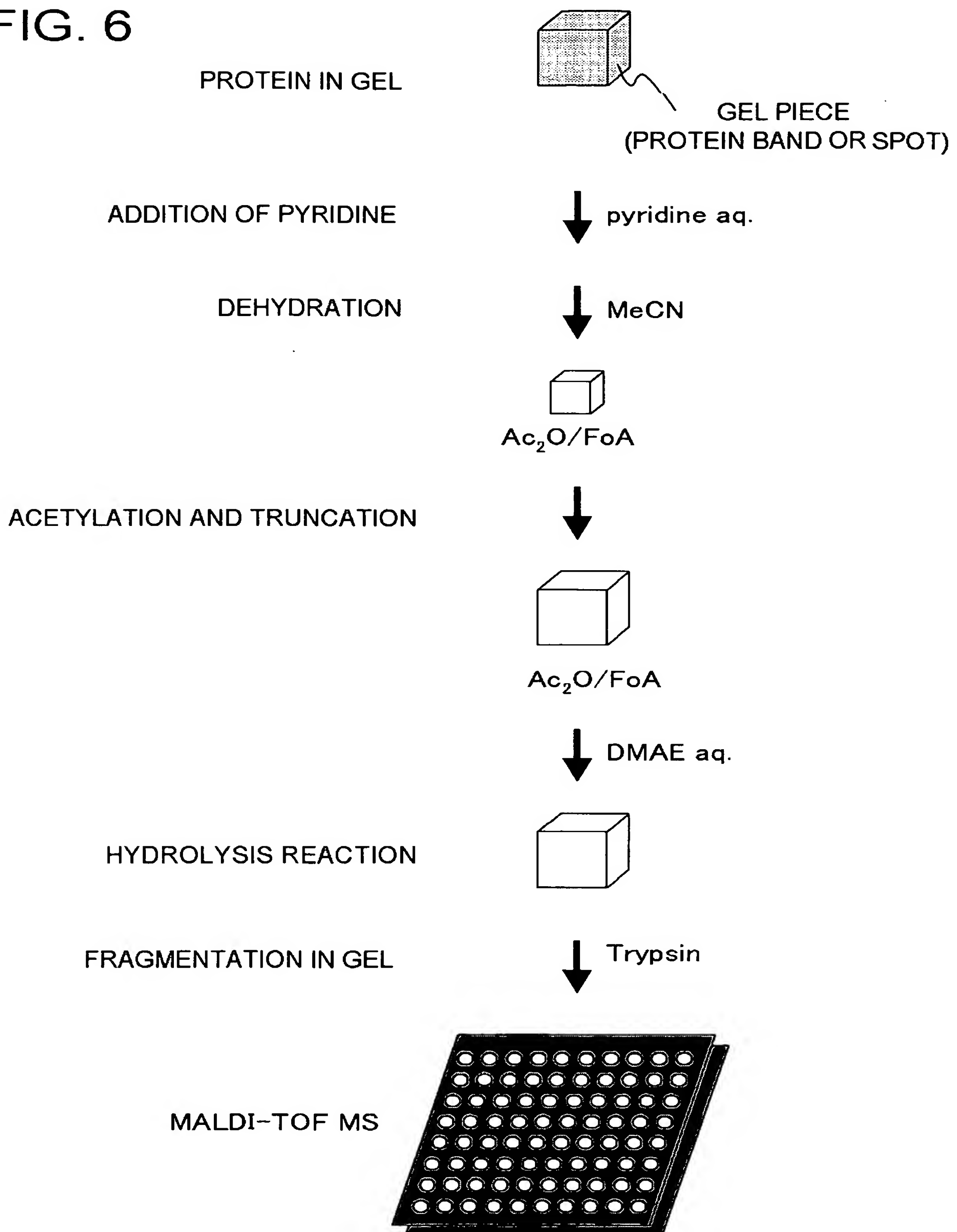


FIG. 7

myoglobin-horse									
[1-153] mass = 17738.180									
Cleavage at R									
Small polar:	D(7)	E(13)	N(3)	Q(6)					
Large polar:	K(19)	R(2)	H(11)						
Small non-polar:	S(5)	T(7)	A(15)	G(15)					
Large non-polar:	L(17)	I(9)	V(7)	M(2)	F(7)	Y(2)	W(2)		
Special:	C(0)	P(4)							
K[16] + 42.04	K[42] + 42.04	K[45] + 42.04	K[47] + 42.04						
K[50] + 42.04	K[56] + 42.04	K[62] + 42.04	K[63] + 42.04						
K[77] + 42.04	K[78] + 42.04	K[79] + 42.04	K[87] + 42.04						
K[96] + 42.04	K[98] + 42.04	K[102] + 42.04	K[118] + 42.04						
K[133] + 42.04	K[145] + 42.04	K[147] + 42.04							
1	G	L	S	D	G	E	W	Q	Q
	V	L	N	V	W	G	K	V	E
	A	D	I	A	G	H	G	Q	E
	V	L	I						
31	R	I	f	t	g	h	p	e	t
	l	e	k	f	d	k	f	k	h
	l	k	t	e	a	e	m	k	a
	s	e	d						
61	I	k	k	h	g	t	v	v	I
	t	a	l	g	g	i	l	k	k
	k	g	h	h	e	a	e	l	k
	p	l	a						
91	q	s	h	a	t	k	h	k	i
	p	i	k	y	l	e	f	i	s
	d	a	i	i	h	v	l	h	s
	k	h	p						
121	g	n	f	g	a	d	a	q	g
	a	m	t	k	a	l	e	l	f
	r	N	D	I	A	A	K	Y	K
	E	L	G						
151	F	Q	G						
(1)	[1-31] = 3444.742				(2)	[32-139] = 12692.649			(3)
						[140-153] = 1636.809			

FIG. 8

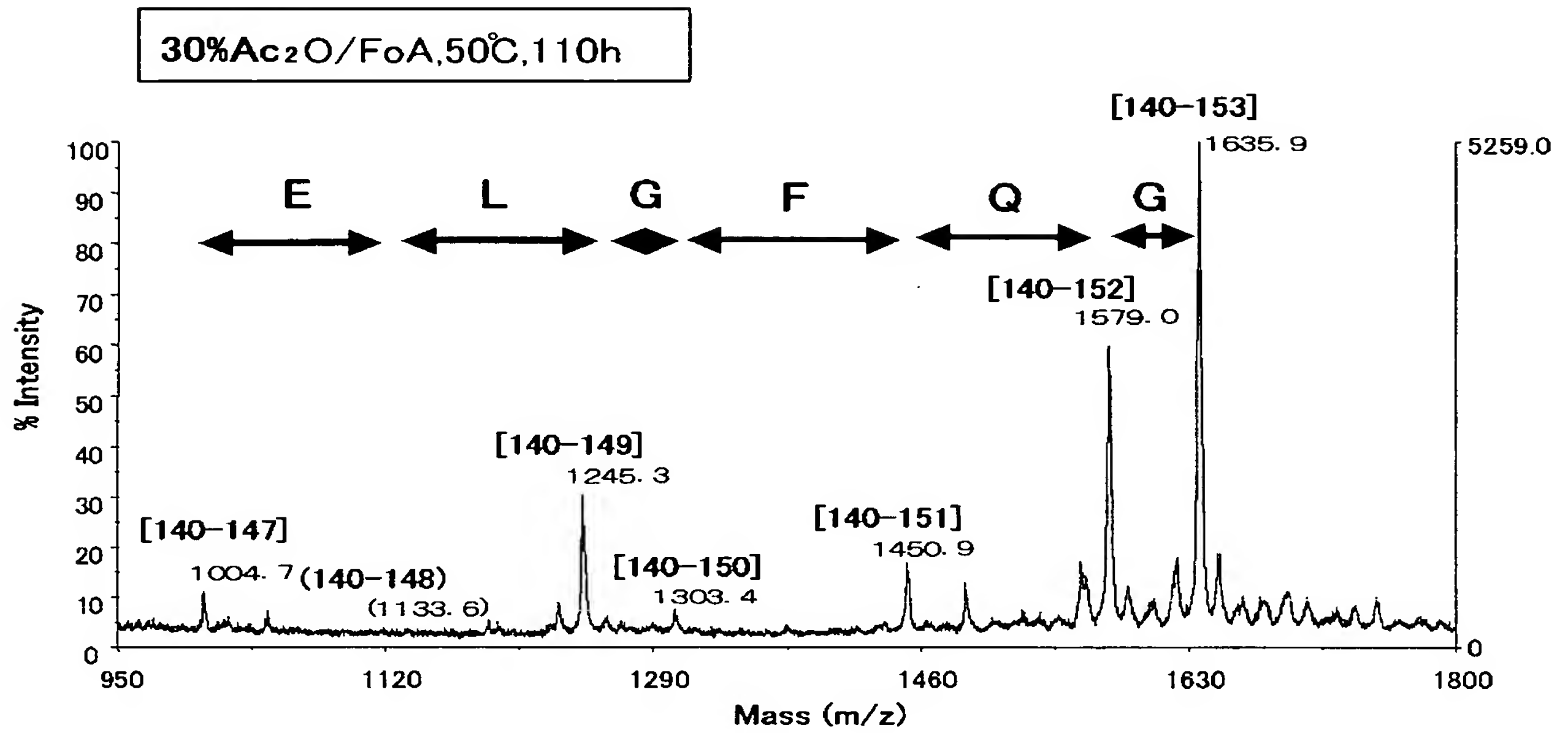


FIG. 9

AFTER PRETREATMENT WITH AQUEOUS 1% PYRIDINE SOLUTION,
30% Ac_2O / F₀A, 60°C, 16 HOURS

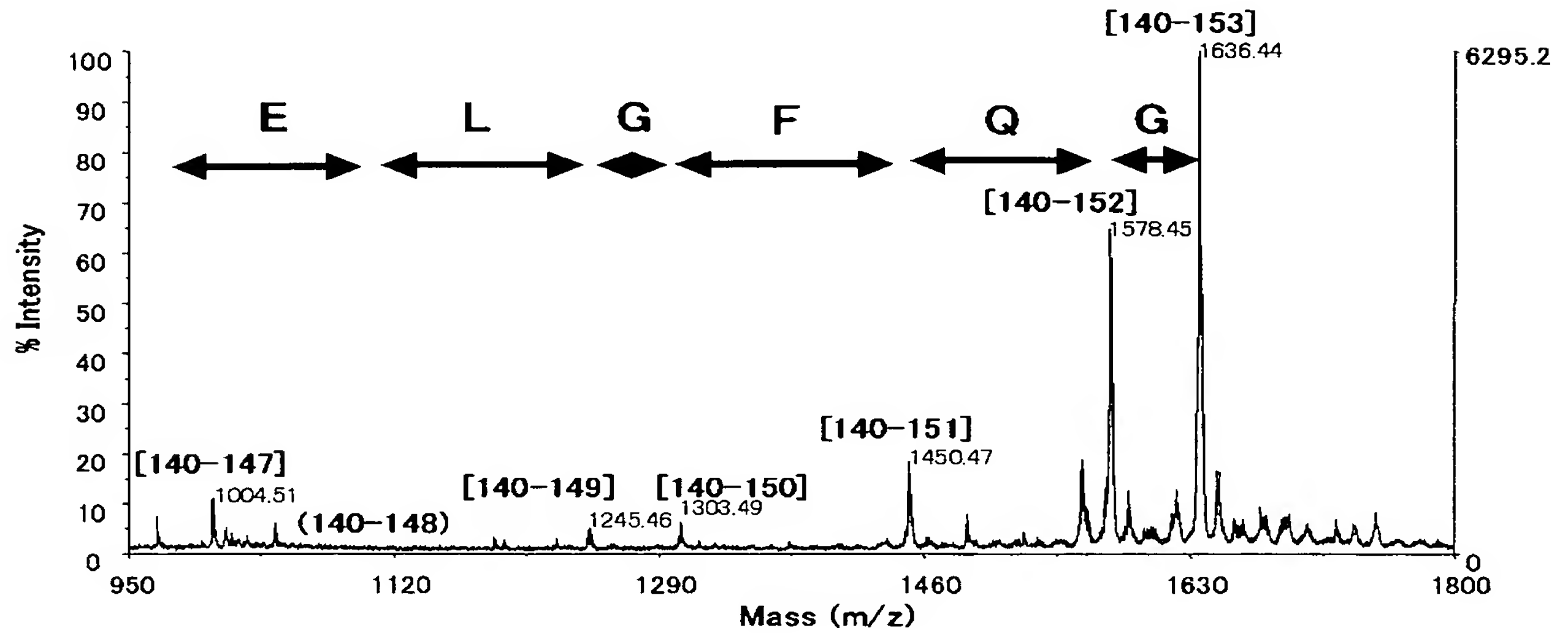


FIG. 10

AFTER PRETREATMENT WITH AQUEOUS 20% PYRIDINE SOLUTION,
30% Ac_2O / F_0A , 60°C, 16 HOURS

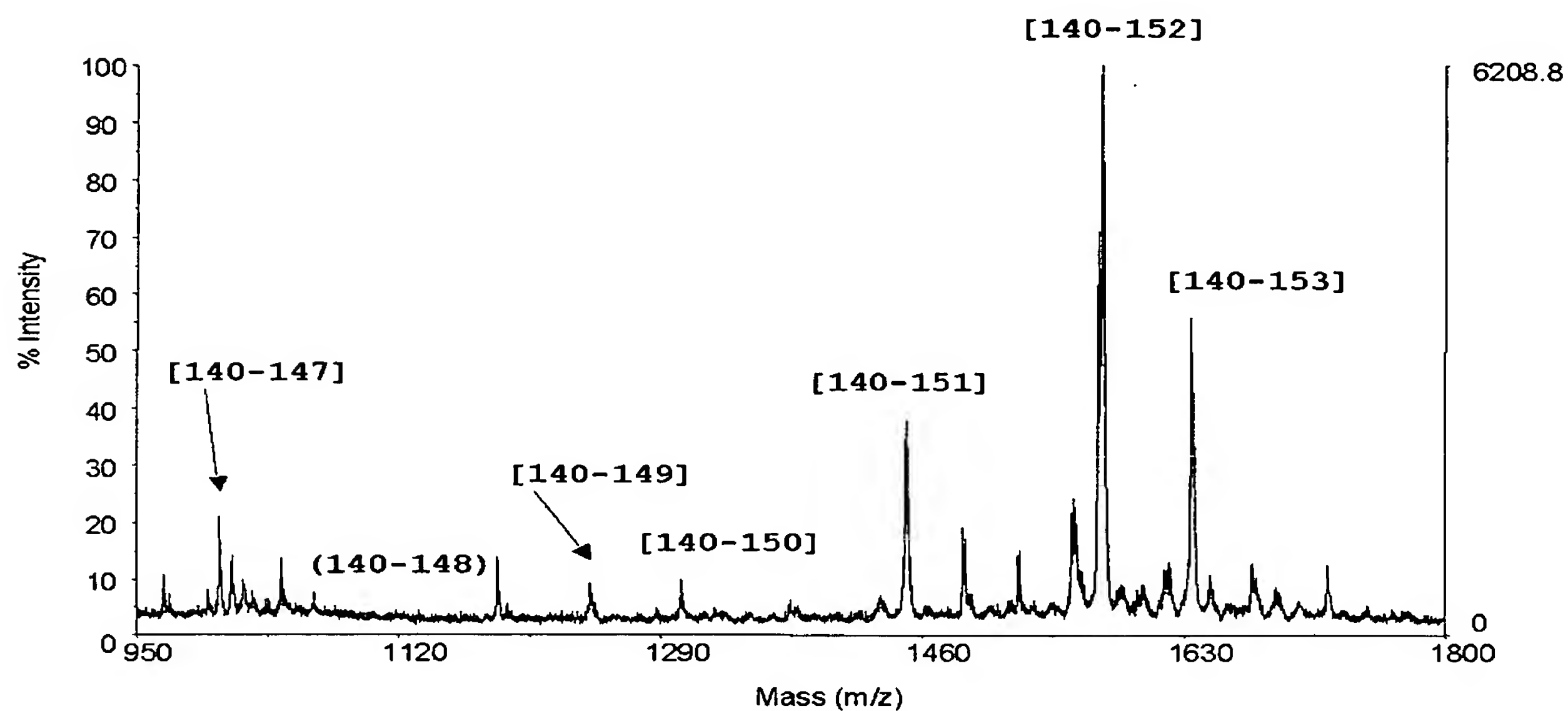


FIG. 11

AFTER PRETREATMENT WITH AQUEOUS 20% PYRIDINE SOLUTION,
30% Ac_2O / F₀A, 60°C、1 HOUR

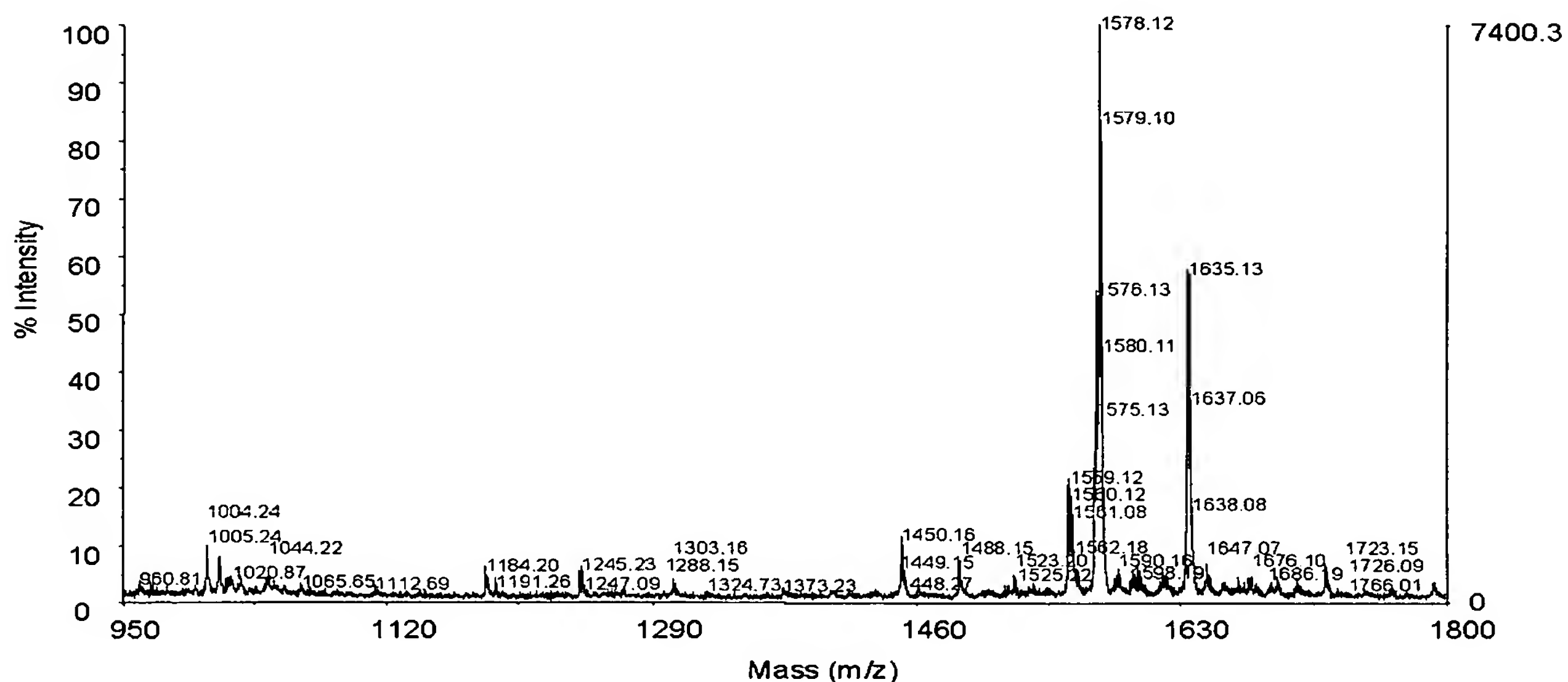


FIG. 12

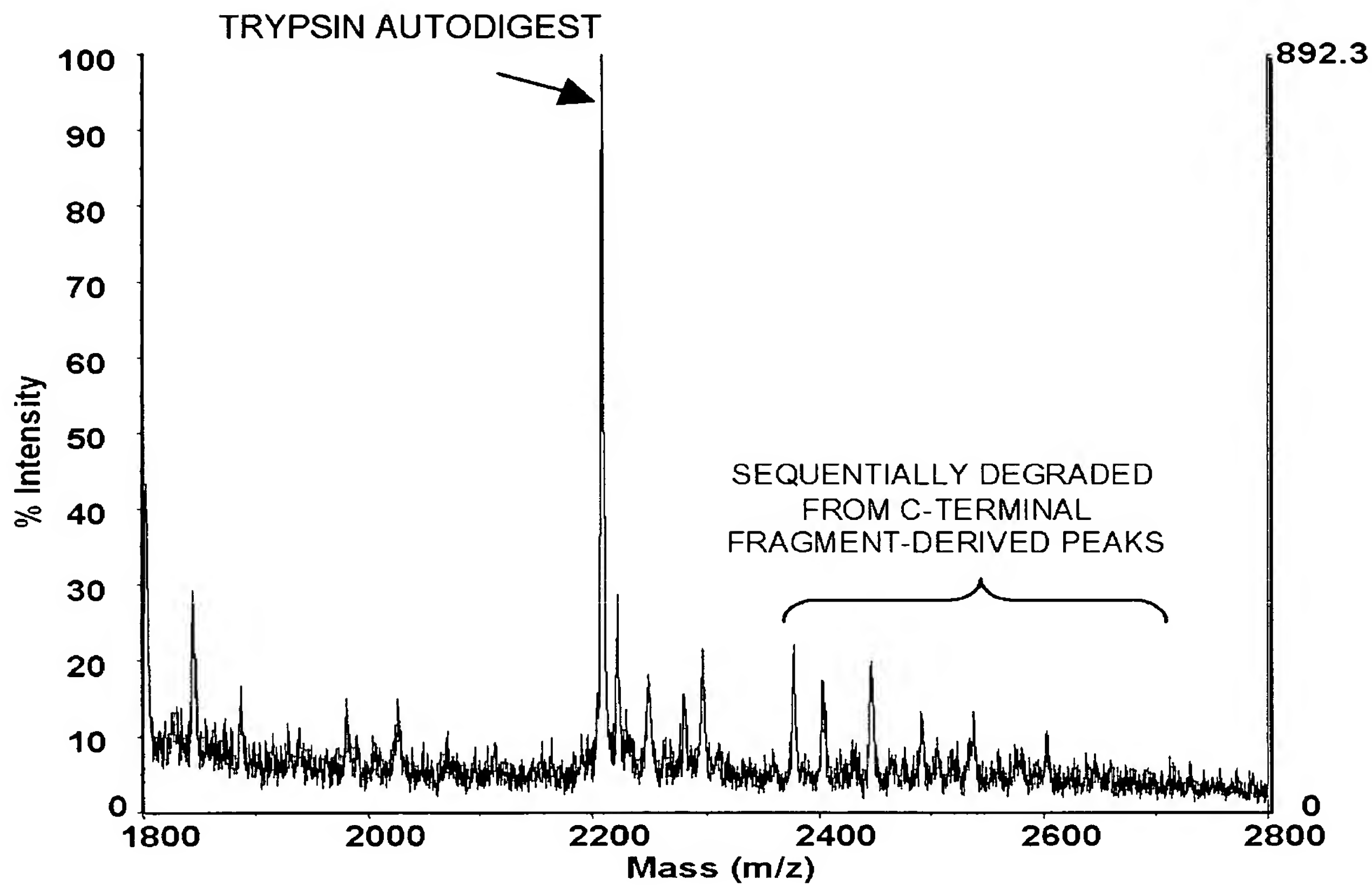


FIG. 13

